

ABSTRACT OF THE DISCLOSURE

A distributed computing environment for calibrating multiple components and reliably generating calibration data about each of the components. The calibration data from a plurality of calibration devices is stored in a database in a manner that avoids the problem of data collisions. The calibration devices include specific components or modules that allow each calibration device to independently generate calibration data, buffer calibration data, archive calibration data, transmit and receive data signals from a database, and receive data signals from a global network and display them for an operator. A method is disclosed which generated calibration data and subsequently detects and corrects calibration errors within a distributed network in a time frame that avoids the unnecessary disposal of improperly calibrated devices.

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